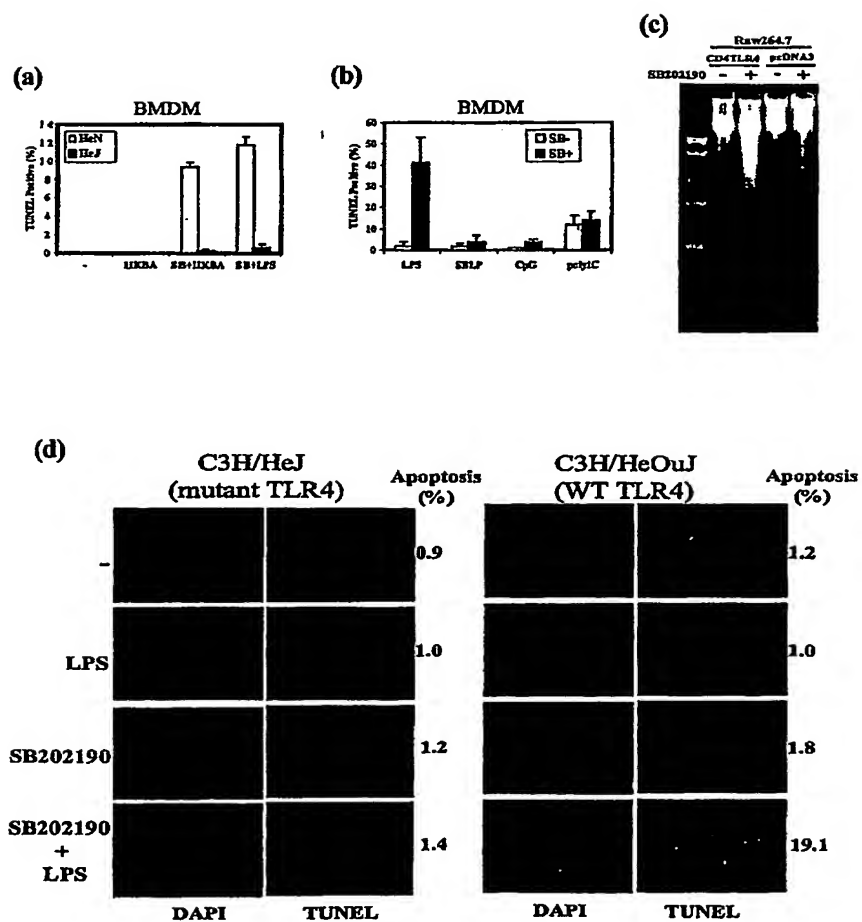


Fig. 1



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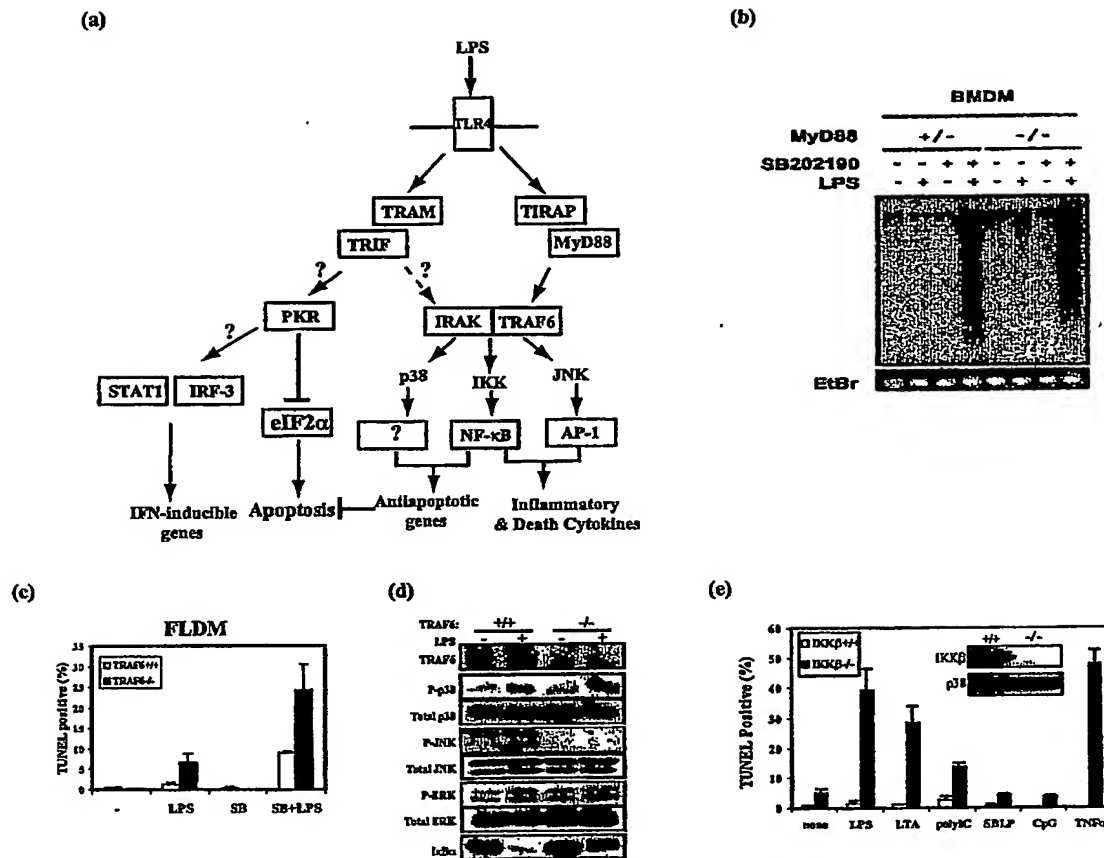


Fig. 2

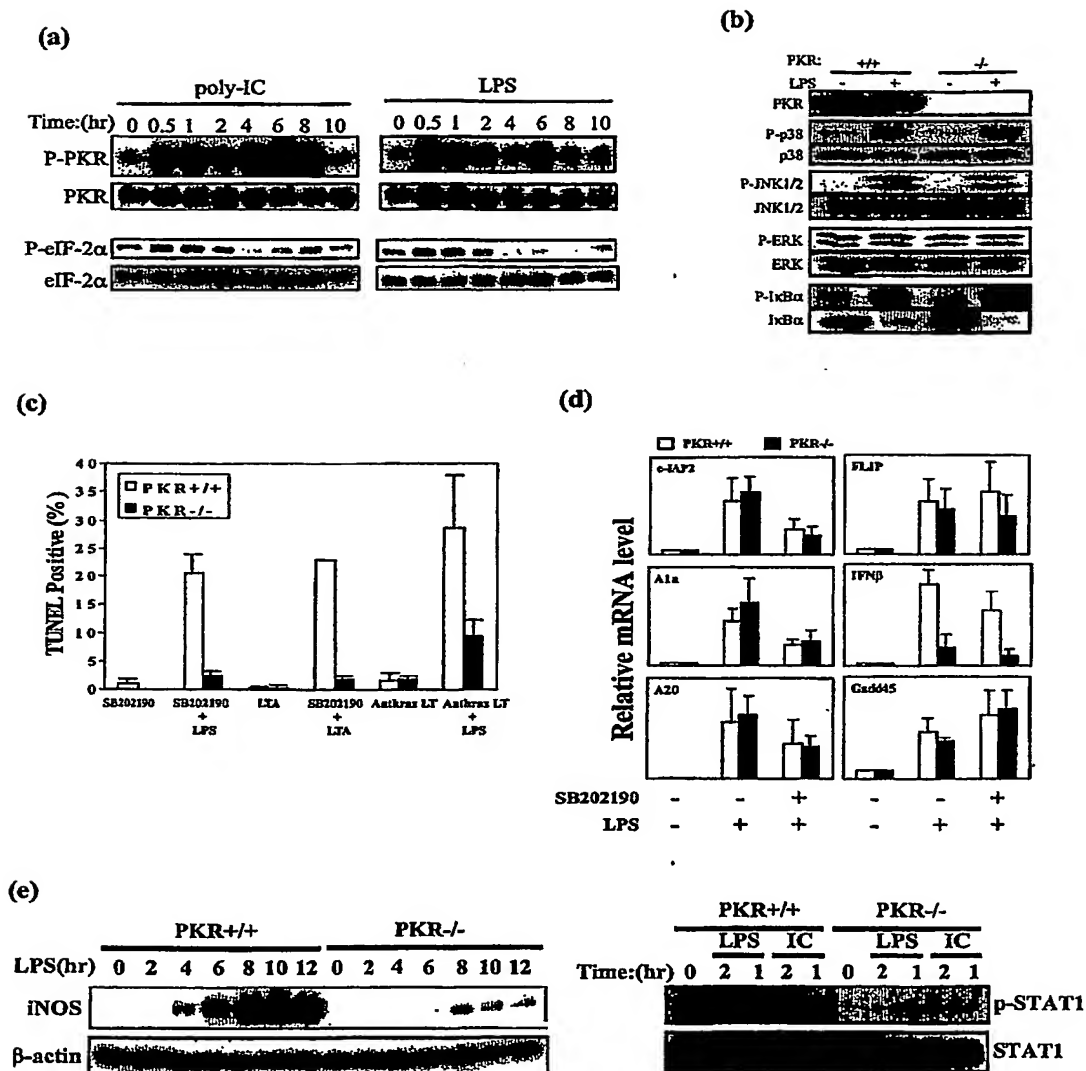


Fig. 3

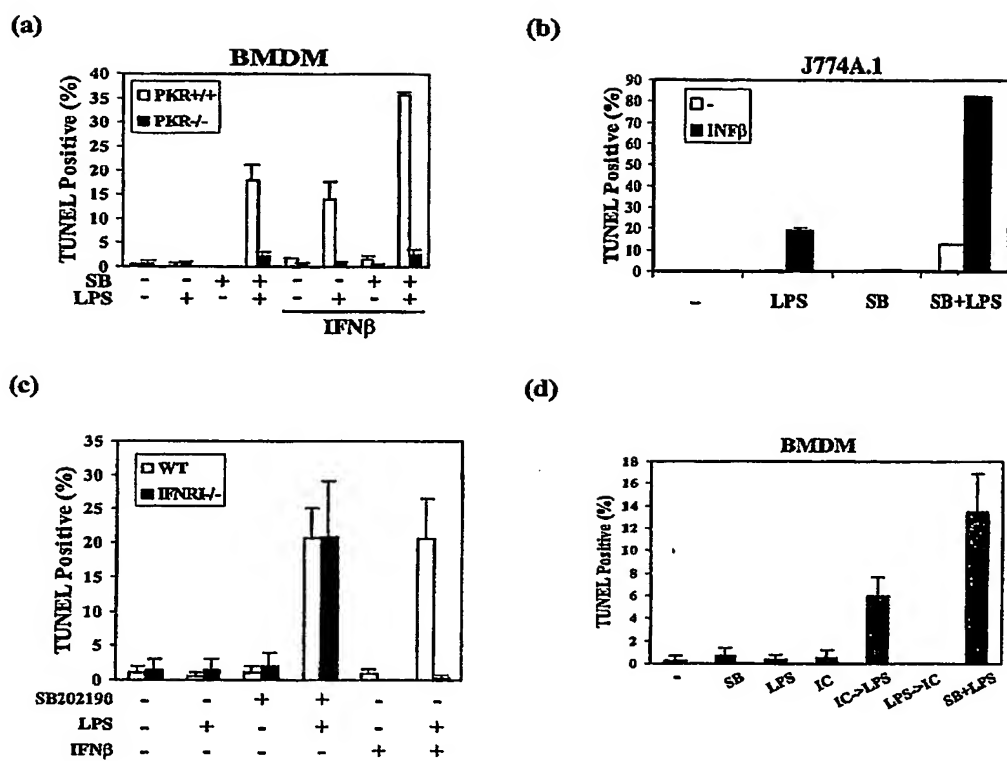
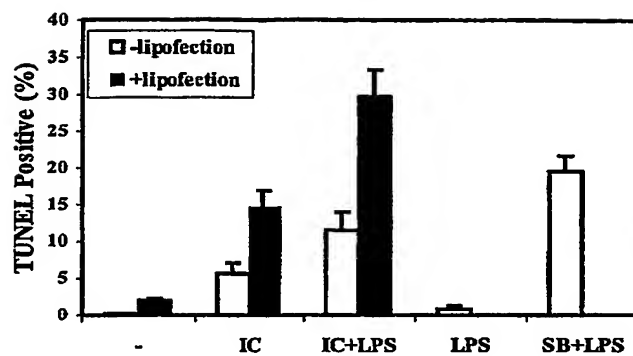
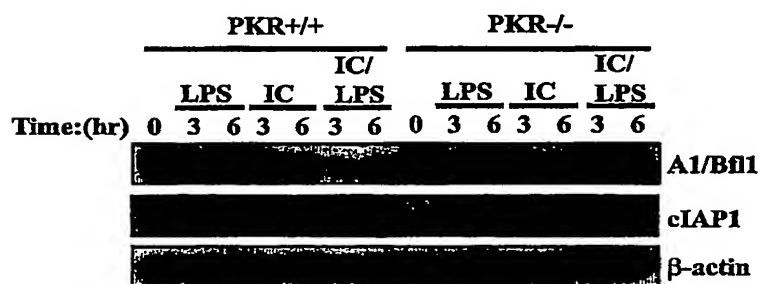


Fig. 4

(a)



(b)



(c)

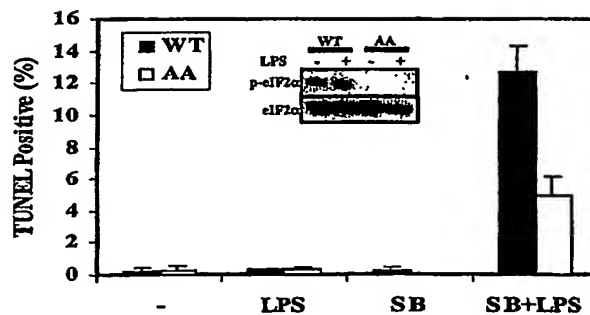
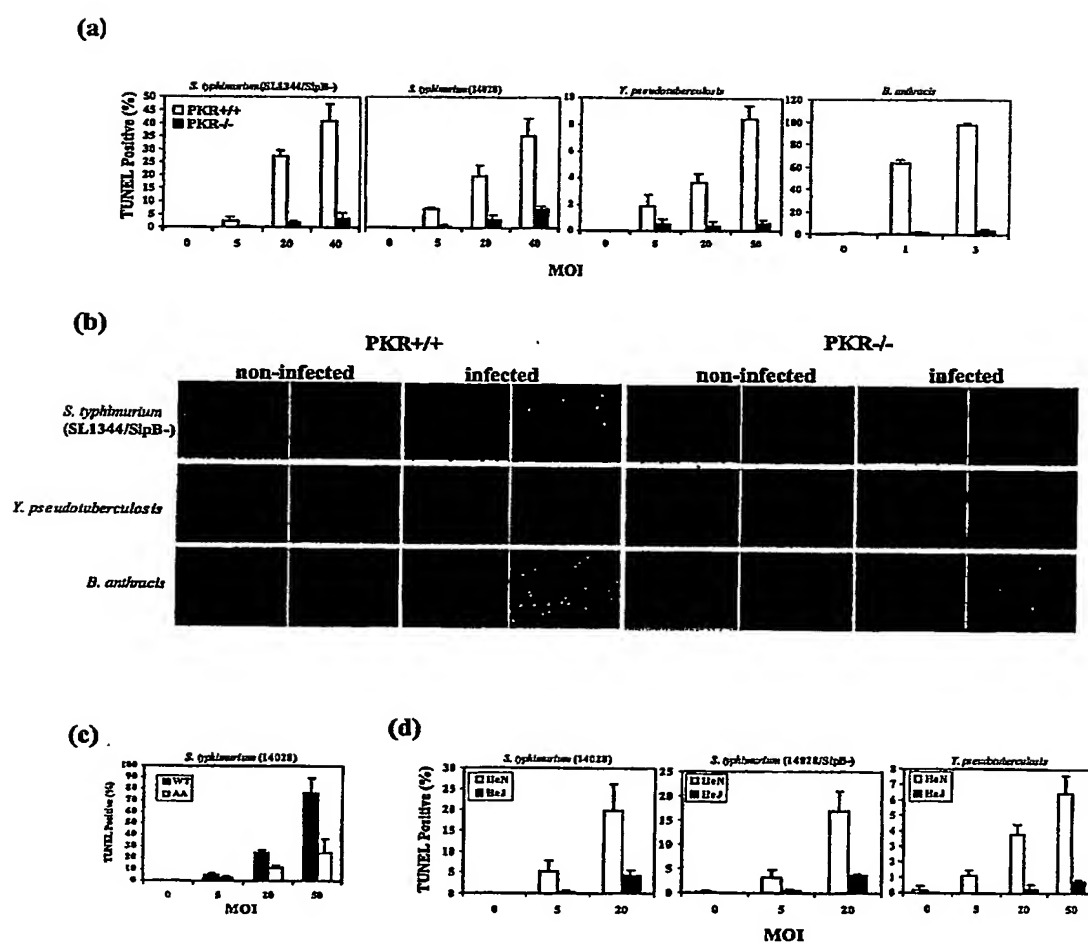


Fig. 5

Fig. 6



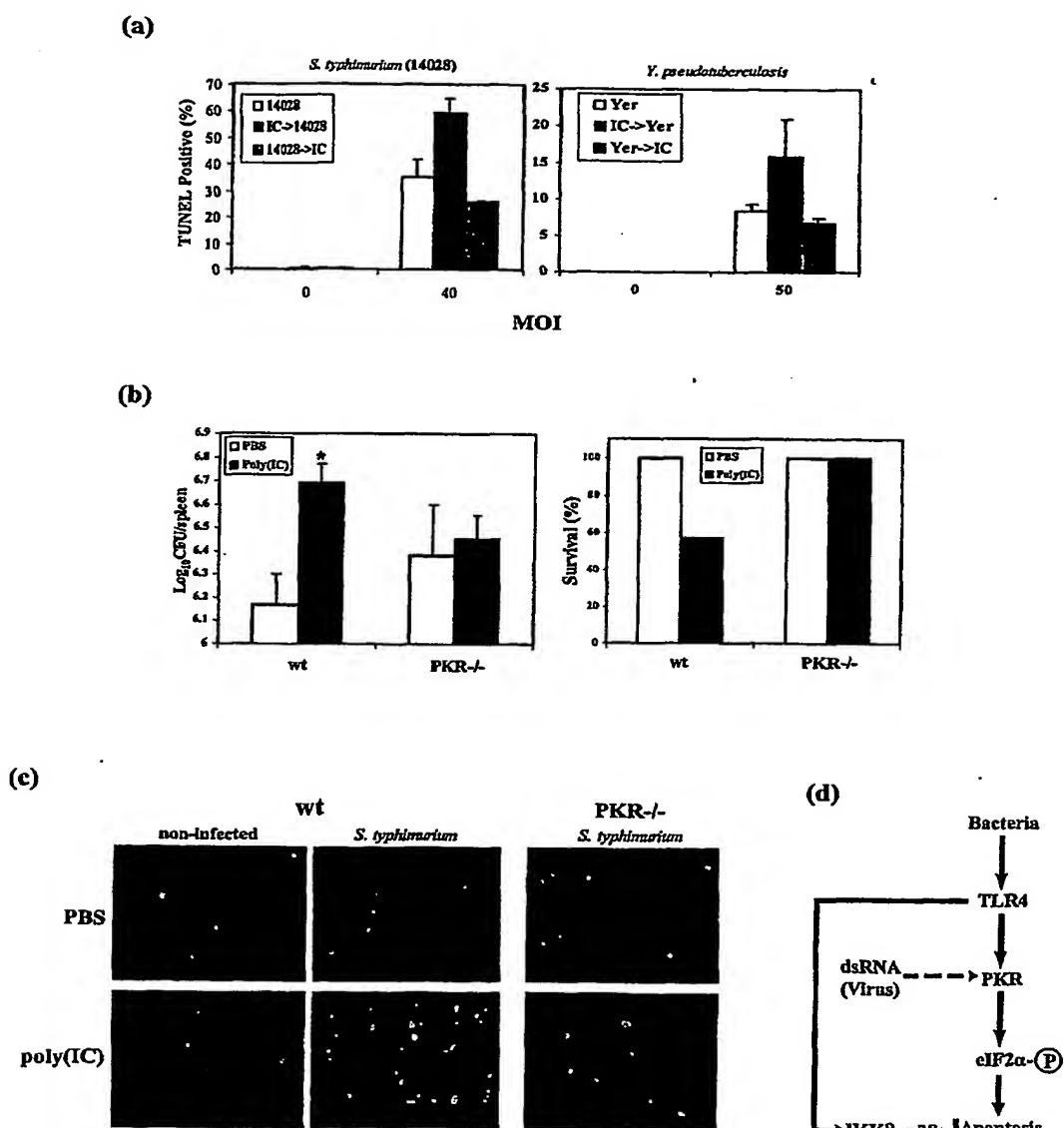


Fig. 7

Fig. 8

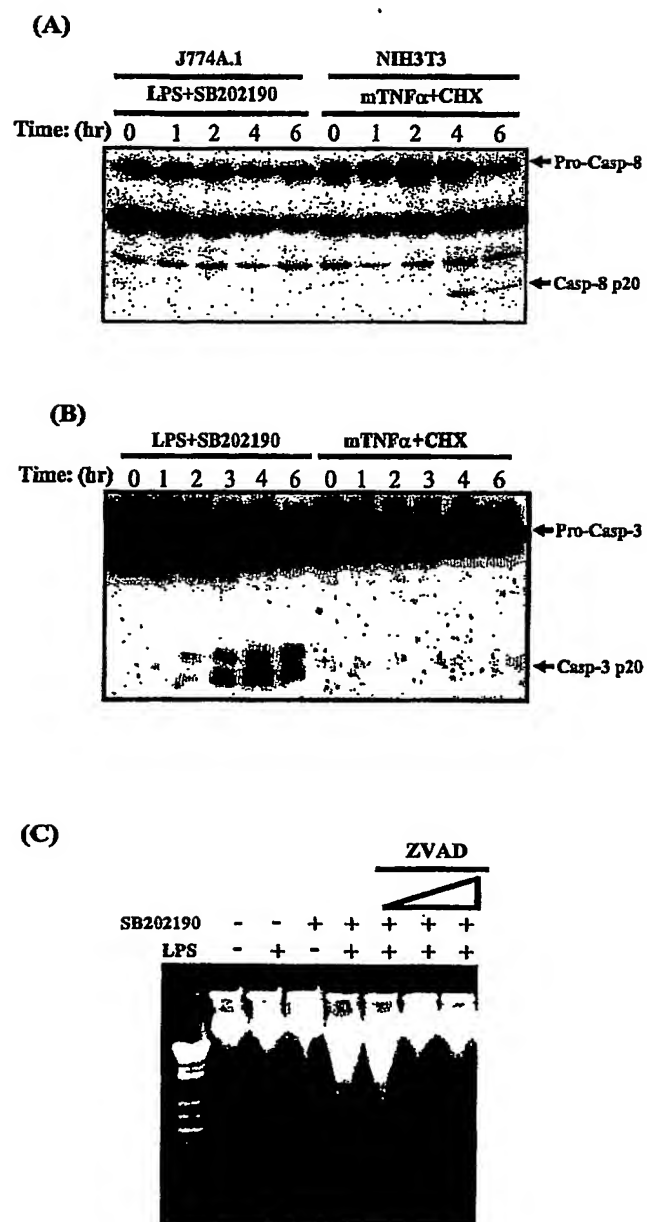


Fig. 9

(A)

	PKR +/+	PKR -/-	PKR +/+	PKR -/-
None			3	2
SB202190 + LPS			46	10
Anthrax LT + LPS			31	18
15- α - $\Delta^{12,14}$ - PGJ ₂			68	72
Doxorubicin			48	45

■ Annexin V
■ Hoechst33258

(B)

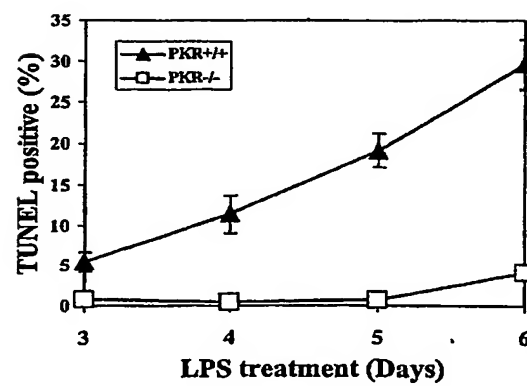


Fig. 10

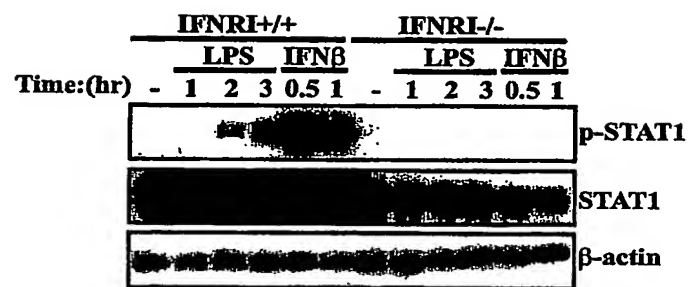


Fig 11

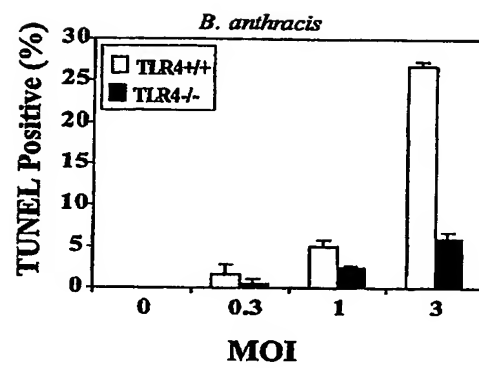


Fig. 12

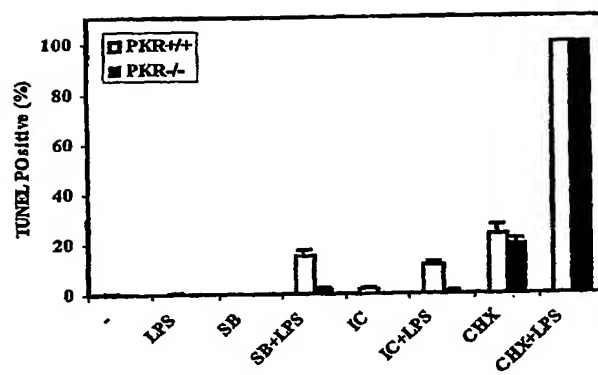
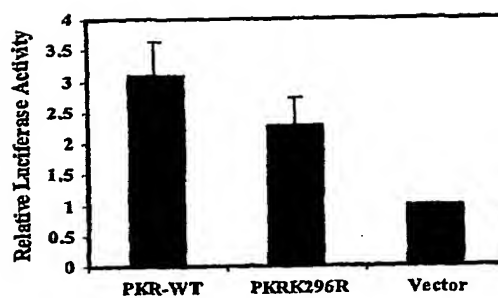
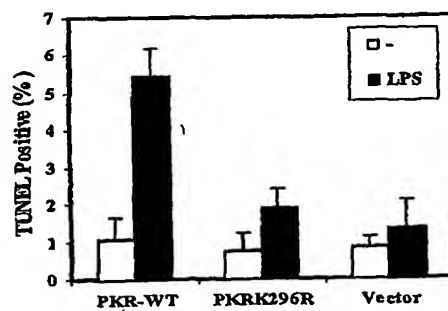


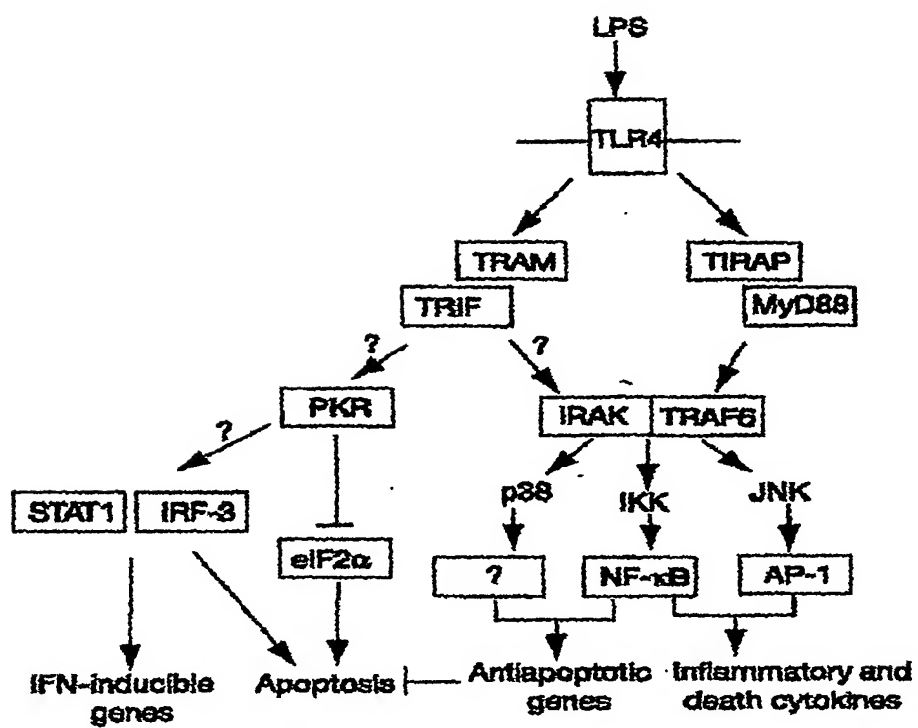
Fig. 13

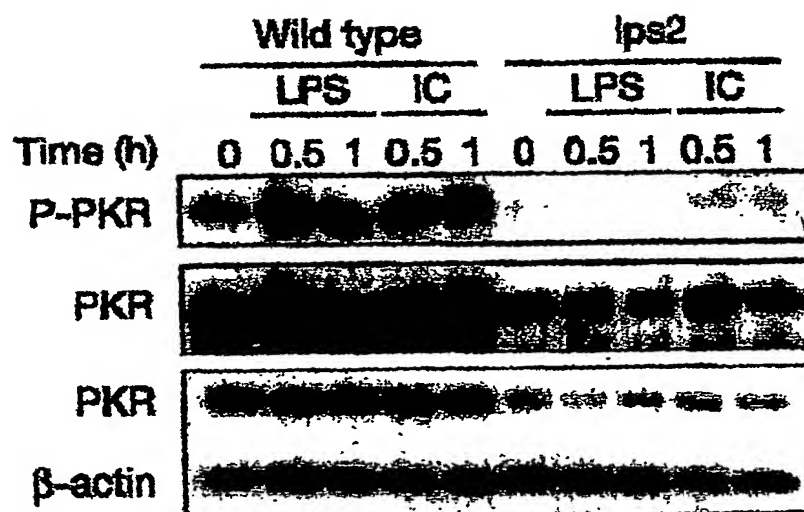
(A)

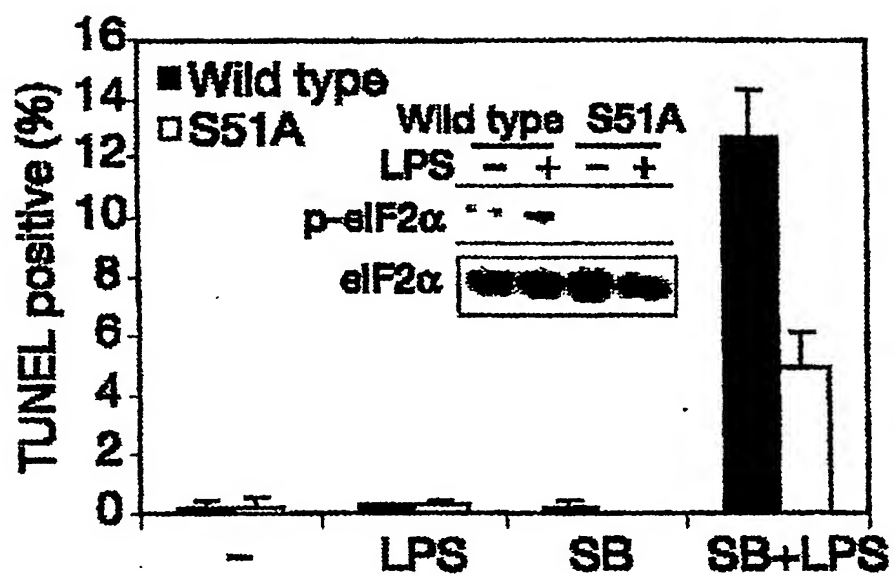


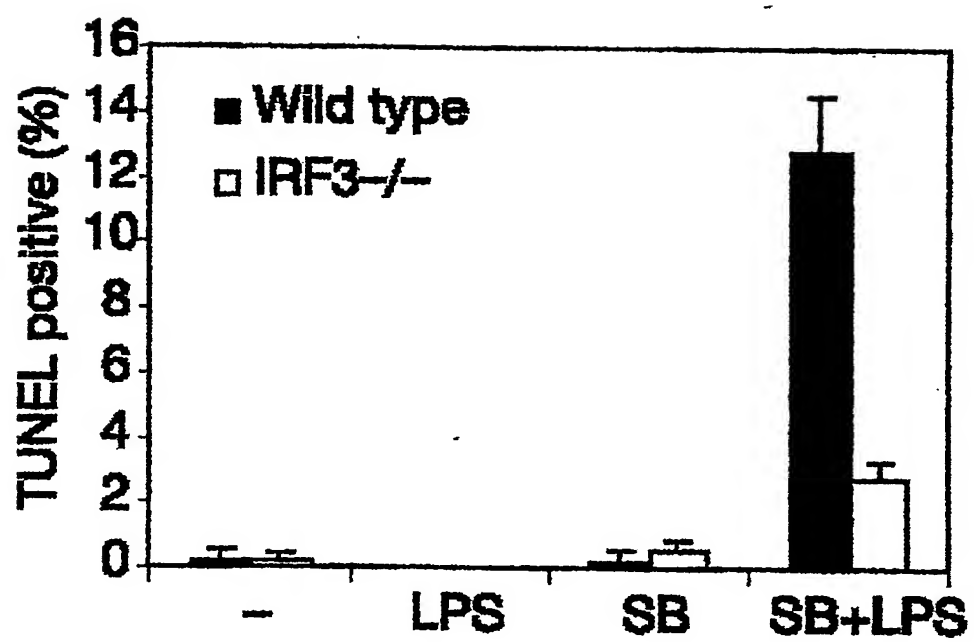
(B)

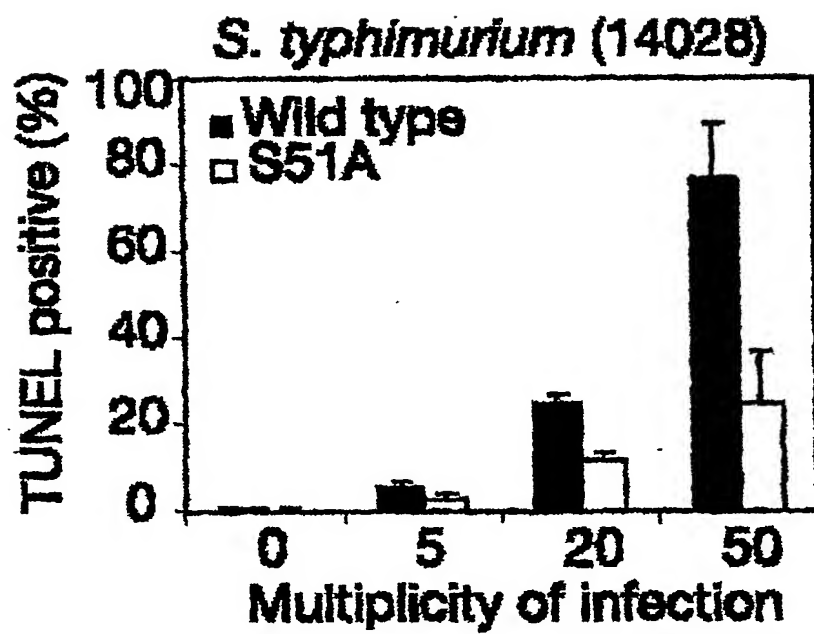












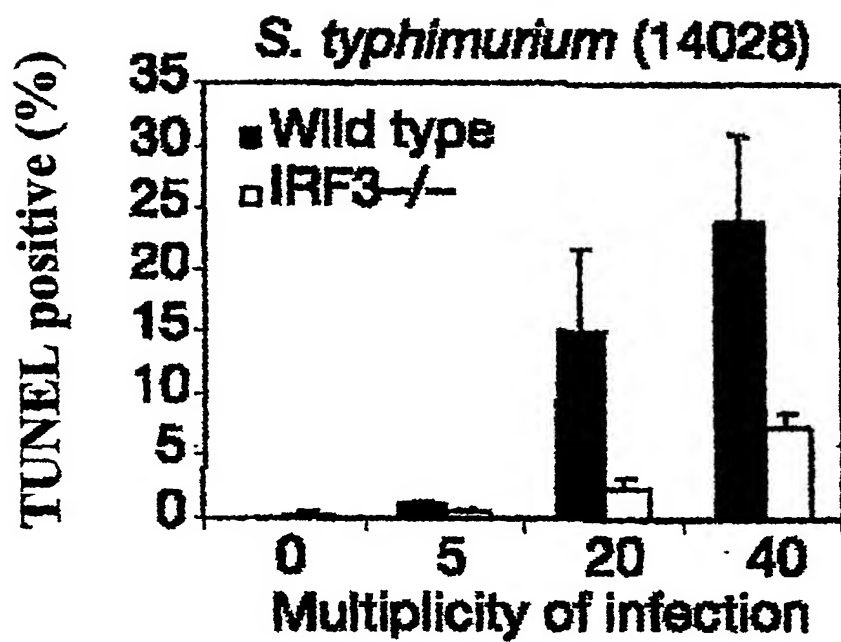


Fig. 20

	WT					IFNRI ^{-/-}				
	LPS		IFN β			LPS		IFN β		
	1	0.5	0	0.5	1	1	0.5	0	0.5	1
Time:(hr)										
P-PKR										
PKR										

Figure 21/21

SEQ ID No:01

Homo sapiens protein kinase, interferon-inducible double stranded RNA dependent (PRKR),

MAGDLSAGFFMEELNTYRQKQGVVLKYQELPNSGPPHRRFTFQVIIDGREFPEGEGRS
KKEAKNAAAKLAVEILNKEKKAVSPLLLTTNSSEGLSMGNYIGLINRIAQKKRLTVNY
EQCASGVHGPBGFHYKCKMGQKEYSIGTGSTKQEAQKLAAYLQILSEETSVKSDYL
SSGSFATTCEQSNSLVTSTLASESSSEGDFASTSEINSNSDSLNSSSLLMNLNRNNQ
RKAKRSLAPREFDLPDMKETKYTVDKRFGMDFKELIGSGGFGQVFKAKHRIDGKTYVI
KRVKYNNEKAEREVKALAKLDHVNIVHYNGCWDGDFDYDPETSDDSLSSDYDPENSKNS
SRSKTKCLFIQMEFCDKGTLEQWIEKRGEKLDKVLALFEQITKGVDIHSSKLIHR
DLKPSNIFLVDTKQVKIGDFGLVTSKNDGKRTRSKGTLRYMSPEQISSQDYGKEVDLY
ALGLILAELLHVCDTAFETSKFFTDLRDGIISDIFDKKEKTLQKLLSKKPEDRPNTSE
ILRTLTVWKKSPKNERHTC

SEQ ID No:02

Homo sapiens protein kinase, interferon-inducible double stranded RNA dependent (PRKR),

GCGGCGGCGGCGGCGCAGTTTGCTCATACTTTGTGACTTGCGGTCACAGTGGCATTTCAG
CTCCACACTTGGTAGAACCACAGGCACGACAAGCATAGAAACATCCTAAACAATCTTCA
TCGAGGCATCGAGGTCCATCCCAATAAAAATCAGGAGACCCTGGCTATCATAGACCTTA
GTCTTCGCTGGTATACTCGCTGTCTGTCAACCAGCGGTTGACTTTTTTTAAGCCTTCTT
TTTTCTCTTTTACCAGTTTCTGGAGCAAATTCAGTTTGCCTTCCTGGATTTGTAAATTG
TAATGACCTCAAAACTTTAGCAGTTCTTCCATCTGACTCAGGTTTGCTTCTCTGGCGGT
CTTCAGAATCAACATCCACACTTCCGTGATTATCTGCGTGCATTTTGGACAAAGCTTCC
AACCAGGATACGGGAAGAAGAAATGGCTGGTGATCTTTCAGCAGGTTTCTTCATGGAGG
AACTTAATACATACCGTCAGAAGCAGGGAGTAGTACTTAAATATCAAGAACTGCCTAAT
TCAGGACCTCCACATGATAGGAGGTTTACATTTCAAGTTATAATAGATGGAAGAGAATT
TCCAGAAGGTGAAGGTAGATCAAAGAAGGAAGCAAAAAATGCCGCAGCCAAATTAGCTG
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TCTTCAGAAGGATTATCCATGGGGAATTACATAGGCCCTTATCAATAGAATTGCCCAGAA
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TTCATTATAAATGCAAAATGGGACAGAAAGAATATAGTATTGGTACAGGTTCTACTAAA
CAGGAAGCAAAACAATTGGCCGCTAAACTTGCATATCTTCAGATATTATCAGAAGAAAC
CTCAGTGAAATCTGACTACCTGTCTCTGGTTCTTTTGCTACTACGTGTGAGTCCCAA
GCAACTCTTTAGTGACCAGCACACTCGCTTCTGAATCATCATCTGAAGGTGACTTCTCA
GCAGATACATCAGAGATAAATTCTAACAGTGACAGTTTAAACAGTTCTTCGTTGCTTAT
GAATGGTCTCAGAAATAATCAAAGGAAGGCAAAAAGATCTTTGGCACCAGATTTGACC
TTCTTGACATGAAAGAAACAAAGTATATCTGGGACAAGAGGTTTGGCATGGATTTTAA
GAAATAGAATTAATTGGCTCAGGTGGATTTGGCCAAGTTTTCAAAGCAAAACACAGAAT
TGACGGAAGACTTACGTTATTAAACGTGTAAATATAATAACGAGAAGGCGGAGCGTG
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GATGGATTTGATTATGATCCTGAGACCAGTGATGATTCTCTTGAGAGCAGTGATTATGA
TCCTGAGAACAGCAAAATAGTTCAAGGTCAAAGACTAAGTGCCTTTTTCATCCAAATGG
AATTCGTGATAAAGGGACCTTGGAACAATGGATTGAAAAAGAAGAGGCGAGAACTA

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ACAAGGAGTAAGGGAACCTTTCGATACATGAGCCCAGAACAGATTTCTTCGCAAGACTA
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GTGACACTGCTTTTGAAACATCAAAGTTTTTTCACAGACCTACGGGATGGCATCATCTCA
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CTCAGCCTCCTGAGTAGCTGGATTACAGGCATGTGCCACCCACCCAATAATTTTGTG
TTTTTAATAAAGACAGGGTTTACCATGTTGGCCAGGCTGGTCTCAAACCTCCTGACCTC
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CCCAGCCTCATCTCTTTGTTCTAAAGATGGAAAAACCACCCCAAATTTTCTTTTATA
CTATTAATGAATCAATCAATTCATATCTATTTATTAAATTTCTACCGCTTTTAGGCCAA
AAAAATGTAAGATCGTTCTCTGCCTCACATAGCTTACAAGCCAGCTGGAGAAATATGGT
ACTCATTAATAAAAAAAAAAAGTGATGTACAACC

SEQ ID No:03

Mus musculus protein kinase, interferon-inducible double
stranded RNA dependent,
MASDTPGFYMDKLNKYRQMHGVAITYKELSTSGPPHRRFTFQVLIDEKEFPKAGKSK
QEARNAAKLAVDILDNENKVDCHTSASEQGLPYGNYIGLVNSFAQKKLSVNYEQCEP
NSELPRFICKCKIGQTMYGTSVTKQEAQQLAAKEAYQKLLKSPPKTAGTSSSVVTS
TFSGFSSSSSMTSNGVSQSAPGSFSSENVFTNGLGENKRKSGVKVSPDDVQRNKYTLDA
RFNSDFEDIEEIGLGGFGQVFAKHRIDGKRYAIKRVKYNTEKAEHEVQALAEHNHVN
VQYHSCWEGVDYDPEHSMDSYKTRCLFIQMEFCDKGTLEQWMRNRNQSKVDKALIL
DLYEQIVTGVEYIHSKGLIHRDLKPGNIFLVDERHIKIGDFGLATALENDGKSRTTRTG
TLQYMSPEQLFLKHYGKEVDIFALGLILAEELLHTCFTESEKIKFFESLRKGDFSNDIFD
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SEQ ID No:04

Mus musculus protein kinase, interferon-inducible double
stranded RNA dependent,
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CCGGATCCAGAACTTTGGCCACTGGGAGGAAAAATGGCCAGTGATACCCAGGTTTCT
ACATGGACAAACTTAATAAATACCGCCAGATGCACGGAGTAGCCATTACGTATAAAGAA
CTTAGTACTTCGGGACCTCCACATGACAGAAGGTTTACATTTCAAGTTTAAATAGATGA
GAAGGAATTTCCAGAAGCCAAAGGTAAATCAAAGCAGGAGGCAAGAAACGCTGCAGCCA
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ACAAGCGCTGGCAGAACTCAATCACGTCAACATTTGTCCAATACCATAGTTGTTGGGAGG
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AAATCAGAGTAAAGTGGACAAAGCTTTGATTTTGGACTTATATGAACAAATCGTGACCG
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